

1	CGCTGCTCTGCCGGGTGATGGAAAACCCCAGCCCCGGCCGCCCTGGGCAAGGCCCTC	60
1	<u>M E N P S P A A A L G K A L</u>	20
61	TGCGCTCTCCCTGGCACTCTCGCGCCGCCGGCCAGCCTCTTGGGGAGAGTCATC	120
21	<u>C A L L L A T L G A A G Q P L G G E S I</u>	40
121	TGTTCCGCCAGAGCCCTGGCAAATACAGCATCACCTCACGGGCAAGTGGAGGCCAGACG	180
41	<u>C S A R A L A K Y S I T F T G K W S Q T</u>	60
181	GCCTTCCCCAAGCAGTACCCCTGTTCCGCCCGCCCTGCGCAGTGGCTTCGCTGCTGGGG	240
61	<u>A F P K Q Y P L F R P P A Q W S S L L G</u>	80
241	GCCGCGCATAGCTCGACTACAGCATGTGGAGGAAGAACAGTACGTCACTAACGGGCTG	300
81	<u>A A H S S D Y S M W R K N Q Y V S N G L</u>	100
301	CGCGACTTTGGAGCGCGCGAGGCCTGGCGCTGATGAAGGAGATCGAGGCGGCGGGGG	360
101	<u>R D F A E R G E A W A L M K E I E A A G</u>	120
361	GAGGCGCTGCAGAGCGTGCACCGGGTTCGGCGCCGCCGTCCCCAGCGGCACCGGG	420
121	<u>E A L Q S V H A V F S A P A V P S G T G</u>	140
421	CAGACGTGGCGAGCTGGAGGTGCAGCGCAGGCACTCGCTGGCTCGTTGTGGTGC	480
141	<u>Q T S A E L E V Q R R H S L V S F V V R</u>	160
481	ATCGTCCCCAGCCCCACTGGTTCTGGACAGCCTGGACCTGTGGACAGGGAC	540
161	<u>I V P S P D W F V G V D S L D L C D G D</u>	180
541	CGTTGGCGGGAACAGGGCGCTGGACCTGTACCCCTACGACGCCGGACGGACAGCGC	600
181	<u>R W R E Q A A L D L Y P Y D A G T D S G</u>	200
601	TTCACCTCTCCCTCCCCAACCTCGCCACCATCCGCAGGACACGGTGACCGAGATAACG	660
201	<u>F T F S S P N F A T I P Q D T V T E I T</u>	220
661	TCCTCCTCTCCAGCCACCCGGCAACTCCTTCTACTACCCGGCTGAAGGCCCTGCCT	720
221	<u>S S S P S H P A N S F Y Y P R L K A L P</u>	240
721	CCCATGCCAGGGTGACACTGGTGCCTGCGACAGAGCCCCAGGGCTTCATCCCTCCC	780
241	<u>P I A R V T L V R L R Q S P R A F I P P</u>	260
781	GCCCCAGTCCTGCCAGCAGGGACAATGAGATTGTAGACAGCGCCTCAGTTCCAGAAACG	840
261	<u>A P V L P S R D N E I V D S A S V P E T</u>	280
841	CCGCTGGACTGCGAGGTCTCCCTGTGGCTCGCTGGGACTGTGGAGGCCACTGTGGG	900
281	<u>P L D C E V S L W S S W G L C G G H C G</u>	300
901	AGGCTCGGGACCAAGAGCAGGACTCGCTACGTCCGGGCTCAGCCGCCAACACGGGAGC	960
301	<u>R L G T K S R T R Y V R V Q P A N N G S</u>	320
961	CCCTGCCCGAGCTGAAGAAGAGGCTGAGTGGCTCCCTGATAACTGGCTAAAGACCAG	1020
321	<u>P C P E L E E A E C V P D N C V *</u>	340
1021	AGCCCCGAGCCCTGGGGCCCCCGGAGCCATGGGTGTCGGGGCTCTGTGCAGGCT	1080
1081	CATGCTGCAGGCGGCCAGGGCACA	1105

FIG.1

rFSP	151	PTGTGCVILKASIVQKRIIYFQDEGSLTKLCEQDPTLDGVTDRPILD..	198
NAF-1	1	.....MENPSPAAALGKALCALLLATLGAAGQPLGGES	33
rFSP	199	.CCACGTAKYRLTFYGNWSEKTHPKDYP..RRANHWSAIIGGSHSKNYVL	245
NAF-1	34	ICSARALAKYSITFTGKWSQTAFPKQYPLFRPPAQWSSLLGAAHSSDYSM	83
rFSP	246	WEYGGYASEGVKQVAELGSPVKMEEEIRQQSDEVLTVIKAQWPSWQPV	295
NAF-1	84	WRKNQYVSNGLRDFAERGEAWALMKEIEAAGEALQSV...HAVFSAPAVP	130
rFSP	296	NVRAAPSAEFSVDRTRHLMFLTMMGPSPDWNVGLSAESLCTKECGWVQK	345
NAF-1	131	SGTGQTSAAELEVQRRHSLVSFVVRIVPSPDWFGVDSLDLCDGDRWREQA	180
rFSP	346	VVQDLIPWDAGTDSGVYESPNKPTIPQEKRPLT..SLDHPQSPFYDPE	393
NAF-1	181	AL.DLYPYDAGTDSGFTSSPMATIPQDTVTEITSSSPSHPANSFYPR	229
rFSP	394	GGSITQVARVVIERIARKGEQCNIVPDNVDDIVADLAPEEKDEDDTPETC	443
NAF-1	230	LKALPPIARVTLVRL.RQSPRAFIPPAPVLPSRDNEIVDSASVPETPLDC	278
rFSP	444	IYSNWSPWSACSSSTCEKGKRMQRMLKAQ.LDLSVPCPDTQDGQPCMGP	492
NAF-1	279	EVSLWSSWGLCGGHCGRLGTKSRTRYVRVQANNGSPCPELEEEAECVPD	328
rFSP	493	GCSDEDGSTCTMSEWITWSPCSVSCGMGMRSRERYVKQFPEDGSVMLPT	542
NAF-1	329	NCV.....	331

FIG.2

	C	L	V	S	E	W	S	E	W	S	D	C	S	-	-	T	C	G	K	-	G	M	R	S	R	T	R	M	V	K		Majority			
																10					20														
1	C	E	V	S	L	W	S	S	W	G	L	C	G	-	G	H	C	G	R	L	G	T	K	S	R	T	R	Y	V	R	FLP-TSR				
1	C	I	Y	S	N	W	S	P	W	S	A	C	S	S	S	T	C	E	K	-	G	K	R	M	R	Q	R	M	L	K	FSP-TSR-1				
1	C	T	M	S	E	W	I	T	W	S	P	C	S	V	-	S	C	G	M	-	G	M	R	S	R	E	R	Y	V	K	FSP-TSR-2				
1	C	L	V	T	E	W	G	E	W	D	D	C	S	A	-	T	C	G	M	-	G	M	K	K	R	H	R	M	V	K	FSP-TSR-3				
1	C	L	L	S	P	W	S	E	W	S	D	C	S	V	-	T	C	G	K	-	G	M	R	T	R	Q	R	M	L	K	FSP-TSR-4				
1	C	E	L	S	E	W	S	Q	W	S	E	C	N	-	K	S	C	G	K	-	G	H	M	I	R	T	R	T	I	Q	FSP-TSP-5				
1	C	R	M	R	P	W	T	A	W	S	E	C	T	-	K	L	C	G	G	-	G	I	Q	E	R	Y	M	T	V	K	FSP-TSP-6				
	M	S	P	A	-	D	G	S	P	C	P	-	D	T	E	E	A	E	K	C	M	V	P	E	-	C		Majority							
																40					50														
30	V	Q	P	A	N	N	G	S	P	C	P	-	E	L	E	E	A	E	C	V	-	P	D	N	C		FLP-TSR								
30	A	Q	L	D	-	L	S	V	P	C	P	-	D	T	Q	D	F	Q	P	C	M	G	P	G	-	C		FSP-TSR-1							
29	Q	F	P	E	-	D	G	S	V	C	M	L	P	T	E	E	T	E	K	C	T	V	N	E	E	C		FSP-TSR-2							
29	M	S	P	A	-	D	G	S	M	C	K	A	E	T	S	Q	A	E	K	C	M	M	P	E	-	C		FSP-TSR-3							
29	-	S	L	A	-	E	L	G	D	C	N	E	D	L	E	Q	A	E	K	C	M	L	P	E	-	C		FSP-TSR-4							
29	M	E	P	Q	F	G	G	A	P	C	P	-	E	T	V	Q	R	K	K	R	-	A	R	K	C		FSP-TSR-5								
29	K	R	F	K	S	S	Q	F	T	S	C	K	D	K	K	E	I	R	A	C	N	V	H	P	-	C		FSP-TSR-6							

FIG.3

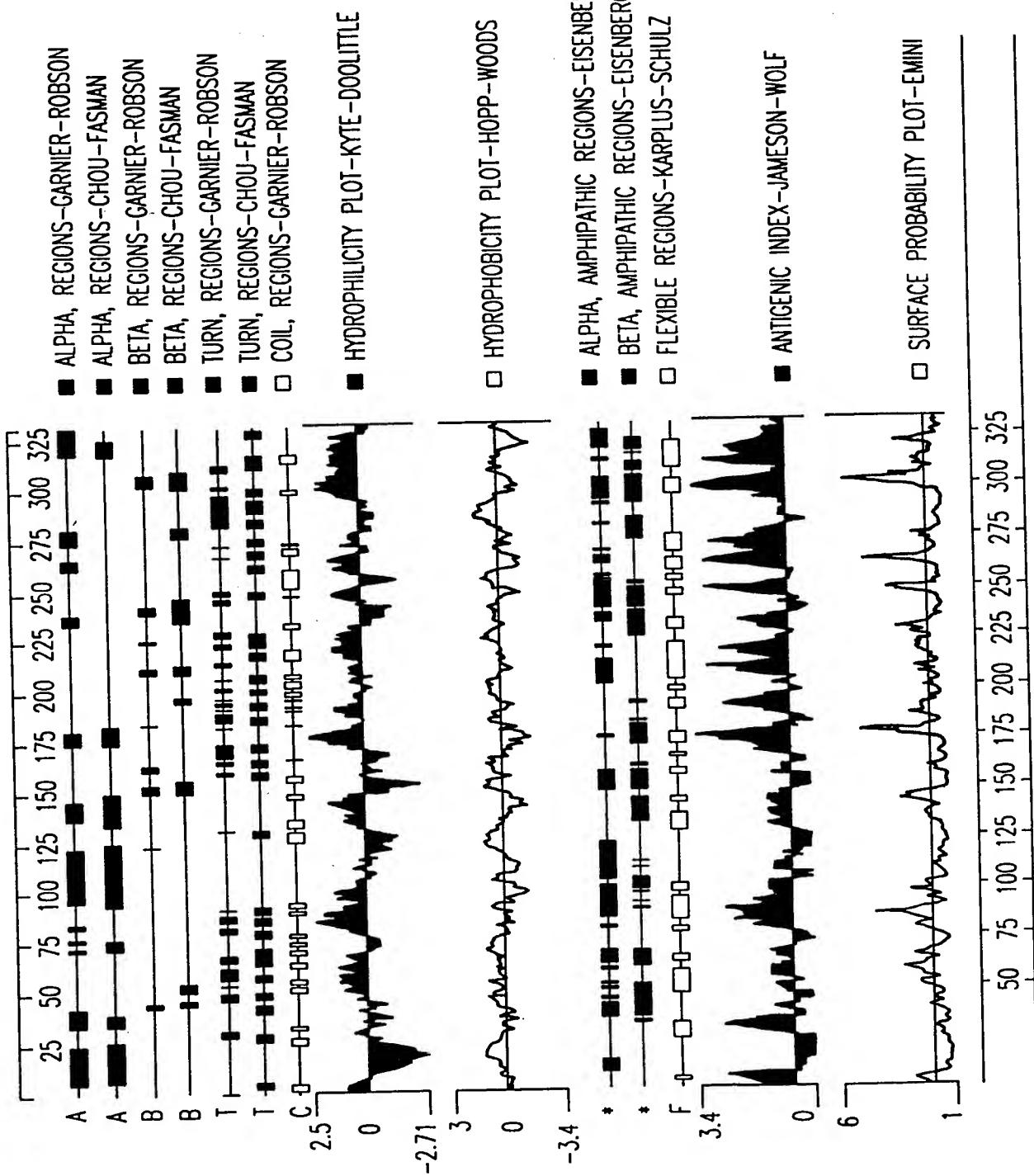


FIG. 4